

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35. U.S.C. 371		ATTORNEY'S DOCKET NO. 5489.P092 U.S. APPLICATION NO. (Unknown, See 37 CFR 1.5) 107593848
INTERNATIONAL APPLICATION NO. PCT/US2005/011886	INTERNATIONAL FILING DATE 08 April 2005	PRIORITY DATE CLAIMED 09 April 2004
TITLE OF INVENTION WAVELENGTH DIVISION MULTIPLEXING PASSIVE OPTICAL NETWORK HAVING MULTIPLE BRANCHES OF OPTICAL DISTRIBUTION		
APPLICANT(S) FOR DO/EO/US LEE, Chang Hee, et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Return Postcard Express Mail Label No. EV 839 873 139 US Combined Declaration and Power of Attorney (UNSIGNED) Claim for Priority</p>		

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/593848	INTERNATIONAL APPLICATION NO. PCT/US2005/011886	ATTORNEY'S DOCKET NO. 5489.P092																				
<p>The following fees have been submitted</p> <p>21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300</p> <p>22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) \$0</p> <p>If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ... \$0</p> <p>All other situations \$200</p> <p>23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0</p> <p>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100</p> <p>International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400</p> <p>All other situations \$500</p>		CALCULATIONS \$300 \$200 \$0 \$100 \$500 \$400 \$500 \$1000																				
TOTAL OF 21, 22, and 23 =		\$1000																				
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		\$																				
Total Sheets	Extra Sheets		Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																		
36 - 100 =	/50 =		x \$250																			
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$																				
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>22 - 20 =</td> <td>2</td> <td>x \$50</td> </tr> <tr> <td>Independent Claims</td> <td>3- 3 =</td> <td>0</td> <td>x \$200</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td></td> <td>+ \$360</td> </tr> <tr> <td colspan="2"></td> <td></td> <td>TOTAL OF ABOVE CALCULATIONS =</td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total Claims	22 - 20 =	2	x \$50	Independent Claims	3- 3 =	0	x \$200	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360				TOTAL OF ABOVE CALCULATIONS =	\$1100
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																			
Total Claims	22 - 20 =	2	x \$50																			
Independent Claims	3- 3 =	0	x \$200																			
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360																			
			TOTAL OF ABOVE CALCULATIONS =																			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.																						
		SUBTOTAL =	\$1100																			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$																				
		TOTAL NATIONAL FEE =	\$1100																			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate coversheet (37 CFR 3.28, 3.31). \$40.00 per property		\$																				
Other fee (specify):		\$																				
		TOTAL FEES ENCLOSED =	\$1100																			
		Amount to be refunded:	\$																			
		Amount to be charged:	\$																			
a. <input checked="" type="checkbox"/> A check in the amount of \$1100 to cover the above fees is enclosed.																						
b. <input type="checkbox"/> Please charge my Deposit Account No. ____ in the amount of \$ ____ to cover the above fees. A duplicate copy of this sheet is enclosed.																						
c. <input checked="" type="checkbox"/> The commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2666. A duplicate copy of this sheet is enclosed.																						
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																						
<u>SEND ALL CORRESPONDENCE TO:</u>		<u>Lester J. Vincent</u>	<u>21 September 2006</u>																			
Blakely Sokoloff Taylor & Zafman LLP 12400 Wilshire Boulevard, 7 th Floor Los Angeles, CA 90025 Telephone: (408) 720-8300		SIGNATURE <u>Lester J. Vincent</u>	DATE																			
		NAME																				
		REGISTRATION NUMBER	<u>31,460</u>																			

10/593848

Attorney's Docket No.: 5489.P092

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

LEE, Chang Hee, *et al.*

Application No.: Not Yet Assigned
 (US National Phase filing of
 PCT/US2005/011886 under 35 U.S.C. 371)

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

Filed: Herewith

For: WAVELENGTH DIVISION MULTIPLEXING
 PASSIVE OPTICAL NETWORK HAVING
 MULTIPLE BRANCHES OF OPTICAL
 DISTRIBUTION

Mail Stop PCT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

CLAIM FOR PRIORITY

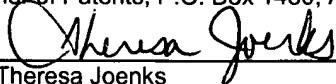
Dear Sir:

Applicants hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT

EXPRESS MAIL STATEMENT

Express Mail Label No.: EV 839 873 139 USDate of Deposit: September 21, 2006

I hereby state that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Commissioner of Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450



Theresa Joenks

September 21, 2006

(Signature of person mailing paper or fee)

(Typed or printed name of person mailing paper or fee)

(Date Signed)

IAP16 Rec'd PCT/PTO 21 SEP 2006
10/593848

international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

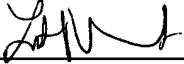
Prior Foreign Application Nos.	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Claimed?	Certified Copy Attached?
2004-24465	KR	04/09/2004	YES	NO
PCT/US2005/011886	PCT	04/08/2005	YES	NO

If there are any charges not covered by any check submitted, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 21 September 2006



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